GAS JOURNAL

Light - Heat - Power - By-Products

Founded in 1849 as the "Journal of Gas Lighting"

INDEX TO
VOL. CCXLVI

JULY TO DECEMBER, 1945

LONDON:

WALTER KING, LTD.,

11, BOLT COURT, FLEET STREET, E.C.4

/R v.246 Jy-D1945

Aberdeen Gas Department—
Corporation Handbook, 3
Extension of Mains, 404
Price Increase, 46
Accrington District Gas & Water Board, Results, 331
Adam, W. G., Tar Products, 463
Airdrie Gas Department, Wartime Development, 468, 501, 541, 564
Alliance and Dublin Consumers' Gas Company, Results, 411
Aluminium Exhibition, 69
American Gas Association—
Infra Red versus Convection Heating, 339, 375
£400,000 for Research, 263
Standardization of the Degree Day, 409, 428
Ammonia, Annual Review, 927
Anderson, Sir J., Address on Atomic Energy, 841
Andrew, L. W.—
Presidential Address, London and Southern District Junior Gas Association, 642
Technical Aspects of the Gas Industry's Contribution to Post-War Housing, 13, 17, 51, 92, 305, 679, 715, 756
Appliances, Gas, Scheme for Control of, 713
Ascot Gas Water Heaters, Ltd., War Effort, 123
Associated Gas and Water Undertakings, Ltd., Dividend, 599
Association of British Chemical Manufacturers—
Fuel Efficiency Lectures, 337
Generation of Power and Process Steam, 239
Association of Public Lighting Engineers—
Annual Meeting at Glasgow, 258, 334, 428, 461
Public Lighting Exhibition, 432
Atom—
Atomic Energy and the Gas Industry, 290, 292, 293, 337, 363, 365, 562
Release of Energy, 226, 841
Auchtermuchty Gas Company, Cooker Installation, 881
Australian Gas Institute, Transactions, 1942-44, 465

Bardgett, H., Effect of Free Space in the Carbonization of Coal in Horizontal Retorts, 259, 395, 463
Barrage Balloons, Purity Meter—W. F. Gardner and R. E. Norris, 246, 847
Barralets, Ltd., Change of Name, 396
Belfast Gas Department, Results, 69
Bell, F., Reorganization of a Gas Distribution System, 160, 255, 267
Benzole—
Control Order, 1945, 363
Recovery by Active Carbon—G. W. Robson, 687
Recovery Plant General Direction, 1945, 462
Rectification Plant at Stoke-on-Trent, 101
Beverley Gas Department, New Showrooms, 882
Biddulph-Smith, T., Physical and Chemical Reactions of Carbonization, 44, 56, 90, 122, 136, 157, 200, 227, 291
Birlec, Ltd., Trade Note, 90
Birmingham Gas Department—
Long Service Certificates, 465
War Records 16, 122
Blanc, M. P., Distillation of Wood in Glover-West Vertical Retorts, 133
Board of Trade, Machinery, Plant, and Appliances (Consolidation) Order, 1945, 257
Bombay Gas Company, Annual Meeting, 16
Books, Reviews, &c.—
Coke Oven Managers' Association Year Book, 649
Commodity Control (Second Edition), 464
Common Sense Costs, 674
Electricity: Public or Private Monopoly, 464
Factories, Truck, and Shops Acts (16th Edition), 134
Fuel Economy Review, 1945, 757
Hints on Public Speaking, 635
Quasi Arc Welding Manual, 689
Research, 715
Retort House Technical Control, 841
The Stoker's Manual, 207
Boston Gas Light and Coke Company, Results, 195
Bourne Gas Department, Increased Sales, 464
Bradford Gas Department—
German Aerial Map, 465
Results, 229
Bradshaw, R. J., Town Gasi n the Glass Industry, 636, 678
Brighton, Hove, and Worthing Gas Company—
Annual Meeting, 379
Arbitration, 801
Results, 245
Briquetting—
A Gas-works Investigation of the Manufacture of Coke-Breeze Ovoid Briquettes—B. W. Johnson, 397
"Tapping" Plant at East Hull, 678
Bristol Engineering Manufacturers' Association, Exhibition, 331
British Coking Industry Association—
Change of Name, 404
Wartime Coke Trade, 257
British Commercial Gas Association, Annual Meeting, 48
British Gas Council—
Annual Review, 1945, 921
Appointment of General Manager, 714
Election of Executive Board, 157
Midland Management Committee, Conference on Fuel Services in Post-War Homes, 842
Monthly Meetings, 89, 91, 395, 530, 714, 881
British Road Tar Association—
Annual General Meeting, 881
Luncheon, 246, 799
British Standards Institution—
Building Materials and Components, 411
Codes of Functional Requirements of Buildings, 813
Codes of Practice, Gas Lighting (Single Family Dwellings) and Flues for Gas Appliances, 239
"Ise" or "Ize," 14
Specifications, 234, 411
Fittings for Copper Tubes, 411
British Sulphate of Ammonia Federation, Ltd., Change of Address, 813
British Tar Confederation, Annual Review, 926
Broadbent, Thomas, & Sons, Ltd., War Service, 465
Broom & Wade, Ltd., Wartime Activities, 635
Bryan Donkin Co., Ltd.—
Visit by Midland Junior Gas Association, 839
Wartime Activities, 492
Buckhaven and Leven Gas Commissioners, Results, 69
Budget, The, and the Gas Industry, 596
Burnley Gas Department, Results, 641
Burton, Hyde C.—
Co-partnership in Industry, 90
Nationalization of the Gas Industry, 800
By-Products, Annual Review, 927

Caldicot and District Gas Light and Coke Company, Street Lighting, 813
Calor Gas, Ltd., Container Shortage, 16
Cambridge Instrument Company, Ltd., Jubilee, 529
Canadian Gas Association, Annual Convention, 258
Carbonization—
Distillation of Wood in Glover-West Vertical Retorts—M. P. Blanc, 133
Effect of Free Space in the Carbonization of Coal in Horizontal Retorts—J. G. King, D. MacDougall, and H. Bardgett, 259, 395
Farror, R. M., Plant Design, 798
Modern Methods of—J. W. Gibson, 884
Physical and Chemical Reactions—T. Biddulph-Smith, 44, 56, 90, 122, 136, 157, 200, 227, 291
Carne, J. B., Influence of Natural Convection on the Effectiveness of Radiant Infra-Red Heating, 435
Cartledge, F., Presidential Address, Manchester Junior Gas Association, 886
Chesterfield Gas Department, Kitchen Display, 50
Civil Service, Better Pay for Scientific Service, 428
Clayton, Son, & Co., Ltd.—
Sports Association Supper, 689
War Effort, 839
Coal—
American and British Mining Conditions, 239
For Power Stations, 334
Further Decline, 46
Grave Winter Outlook, 394
Labour Shortage, 428
Minister and National Union of Mine Workers, 14
Minister's Appeal for Increased Output, 255, 291
Owners Accept Government Plan, 123
Problems of the Industry, 45; J. Robertson, 229
Results of Boring at Drumlembie, 49
South Wales Gas Coals—E. Ivor David, 393, 466
Supplement to Mr. R. Foot's "Plan for Coal," 27
Coke—
Annual Review, 925
Production at Gas-Works, for Mobile Gas Producers—H. D. Greenwood and J. G. King, T. F. E. Rhead and E. T. Pickering, 89, 91, 124, 198, 531
Wartime Trade, 257
Coke Oven Managers' Association—
Annual Meeting, 595, 597
Presidential Address, W. N. Warwick, 595, 600, 631
Colonial Gas Association, Results, 465
Combined Production and Resources Board, Differences in Engineering Practice, 54, 169, 363, 531
Combustion Appliance Makers' Association, Presidential Address—W. Rennie, 199
Commercial Gas Company, Dividend Decision, 157
Committee of Enquiry into the Gas Industry, Report, 837
Copper Development Association, Address, 689
Cork Gas Consumers' Company, Dividend, 443
Correspondence—
A Disgraceful Waste—T. Biddulph-Smith, 157
Atomic Energy and the Gas Industry—L. H. Sensicle, 292; W. Masterton, 363
Baron Von Welsbach's Laboratory—D. D. Gill, 227
Carbonization Reactions—J. Roberts, 90, 291; T. Biddulph-Smith, 227
Commercial Prospects of Spent Oxide—West Cumberland By-Products Co., Ltd., 675; P. Parrish, 755
Co-partnership in Industry—Hyde C. Burton, 90
"Evaluation of Performance"—G. Ewart, 800
Free Space in Horizontals—C. A. Deas, 395; J. G. King, D. MacDougall, and H. Bardgett, 463
Gas Industry Terms—F. S. Townend, 227
Gas-Works Liquor as Fertilizer—H. J. Toogood, 838
Nationalization—H. C. Burton, 800
Oil Production or Gas Production—L. H. Sensicle, 122
Protection Against Corrosion—Winn & Coales, Ltd., 157
Question Time—"Questioner," 15; G. M. Gill, 15
Stability of Heated Structures—L. Muir Wilson, 675
The Balloon Barrage—Hydronyl Syndicate, Ltd., 227
Council of Industrial Design, Exhibition, 930
Coventry Gas Department—
Presentation to P. N. Langford, 880
Radiation Equipment in New Houses, 677
Reconstruction Plans, 598, 641
Cox & Danks, Ltd., New Depot Opened, 207
Cranmer, A. H., Retirement, 557
Croydon Gas Company, Dividend, 239
Cumming, Professor W. N., Oil from Coal, 49
Curtis, A. L., & Co., Trade Note, 48

Dalton, Sir John, Presidential Address, Fuel Luncheon Club, 641
Darlington Gas Department, Results, 641
David, Major E. Ivor, South Wales Gas Coals, 393, 466
Davison, D. W., Vocational Training and Welfare, 239
Deas, C. A., Free Space in Horizontals, 395
Degree Day, Standardization of—J. F. Collins, 409, 428
De La Rue Gas Development, Ltd.—
Chairman's Statement, 158
Development and Research Work, 527
Denny Gas Department, Results, 431
Denoon, J. R., Presidential Address, Scottish Junior Gas Association (Eastern District), 599
Department of Scientific and Industrial Research—
Conference, Smoke Abatement, 921
Mathematics Division, 885
Scheme to Attract Scientific Investigators, 428
Diamond, G. le B., South-Eastern Civil Defence Region Presentation, 192
Diamond, W. E. de B., Gas Industry and the Plastics Industry, 193, 233
Dickson, David L., Wartime Development at Airdrie, 468, 501, 541, 564
Dingwall Gas Department, Street Lighting, 27
Distribution—
I.G.E., Codes of Practice, 798
Need for Reinforcement—O. Pincock, 331
Reorganization of a Gas System—F. Bell, 160, 255, 267
District Heating—
And Town Planning—D. V. H. Smith, 598
1st Report of I.G.E. Committee, 798, 848, 933
Drakes, Ltd., Planning for the Future, 258
Dundee Gas Department—
Automatic Control for Street Lighting, 755
Results, 676
Dunfermline Gas Department, Extensions, 887
Dunning, E. W. B., Technical Aspects of the Gas Industry's Contribution to Post-War Housing, 13, 17, 51, 92, 305, 679, 715, 756
Dursley Gaslight and Coke Co., Red Cross Effort, 48

East Hull Gas Company, Gas on Housing Estate, 94
Eastbourne Gas Company, "Reflections," 158
Eastern Counties Gas Engineers and Managers' Association, Autumn Meeting, 635
Edinburgh Gas Department—
Kitchen Planning Exhibition, 715, 882
Street Lighting and Fuel Economy, 334, 364
Victory Parade, 599
Education—
Annual Review, 922
Percy Committee Report, 753
Scholarships in Science, 333
Eeles, C. C., Infra Red v. Convection Heating, 339, 375
Effluents, Gas-Works Liquor as Fertilizer, 838
Egerton, Sir A. C., Liquid Methane as a Fuel, 361
Engineering Industries Association—
Call-up of Tool Makers, 530
Industrial Taxation, 597

Falk, Stadelmann & Co., Ltd., War Service, 464
Federation of British Industries—
Fuel Economy Review, 1945, 757
Fostering Industrial Research, 192
Industrialists Visit Paris, 538
Retirement of Director, 528
Fertilizers, Gas Industry and, During and After the War—P. Parrish, 228
Foot, R. W., Supplement to "Plan for Coal," 27
Foxwell, Dr. G. E.—
Fuel Utilization, 840
Supply of Smokeless Fuels, 712
Friedman, Leopold, Evaluation of Performance, 718
Fuel Luncheon Club, Presidential Address—Sir J. Dalton, 641

Gardner, W. F., Balloon Barrage Purity Meter, 847
Gas—
Balloon Barrage Purity Meter—W. F. Gardner and R. E. Norris, 847
Damage to Vegetation Due to Leakage Through Soil, 532
Gas Consolidation, Ltd.—
Annual Meeting, 507
Dividend, 464
Gas Grids, for South Wales, 882
Gas Industry—
Allied Control Commission, Consultative Panel, 394
Labour Shortage, 329, 428
New Government and Policy, 225
Report of Heyworth Committee, 837, 840
Transition and Nationalization Problems, 395, 673, 920
"Gas Journal"—
Return to Bolt Court, 256
Value of the Index, 13
Gas Light and Coke Company—
Apprentices' Continuation Classes, 755
Dividend, 157
Gas-Heated Cyclone Generator, 632
London Gas Strike, 771
Price Reduction, 465
Research Appointments, 225, 226
Sparking Plug Manufacture, 331
Troops Assist in Gas Making, 292, 329
Welcome Home, 69
Gas Research Board—
Annual Review, 1945, 922
Editorial Comment, 879
Gas Staff Association, Progress, 883
Gas Supply Company—
New Share Issue, 463
Results, 598, 813
Gibson, J. W., Modern Methods of Carbonization, 884
Gill, D. D., Baron Von Welsbach's Laboratory, 227
Gill, G. M., Question Time, 15
Glasgow Gas Department—
"Other People's Jobs," 839
Price Position Reviewed, 334
Results, 69
Standard Kitchen, 98
Street Lighting and Fuel Economy, 334, 395
Sunday Meter Reading, 689
Wartime Output, 159
Grangemouth Gas Department, Results, 137
Greenock Gas Department—
Stair Lighting, 411
Wartime Record, 263
Greenwood, H. D., Production at Gas-Works of Coke for Mobile Gas Producers, 89, 95, 124, 198, 531
Gregg, R. J., The Deferred Market, 531
Griffith, R. H., Removal of Hydrogen Sulphide from Fuel Gases, 809, 845

Halkett, R.—
Retirement, 330, 492
Halkett, R., Junior, Appointed General Manager, Sheffield and District Gas Company, 330
Hassocks and District Gas Company, Denial of "No Gas" Report, 411
Hawick Gas Company, Results, 195
Heating, Radiant—A. L. Roberts and R. Long, 798
Hems, H. R., Gas—In Industry at War, 268, 290
Hereford Gas Department, Gas in Temporary Houses, 47
Hinckley Gas Department, Results, 395
Holding Companies, Concrete Achievements, 121
Holliday, G. C., Technical Aspects of the Gas Industry's Contribution to Post-War Housing, 13, 17, 51, 92, 305, 679, 715, 756
Hoines, W. C., & Co., Ltd.—
Benzole Rectification Plant at Stoke-on-Trent, 101

TECHNOLOGY

Change of Address, 123
Portable Purging Machine, 192
Holyhead and North Wales Gas Corporation, Results, 137
Hong Kong and China Gas Company, Resumption of Control, 599
Hopton, G. U., Removal of Hydrogen Sulphide from Fuel Gases, 809, 845
Housing—
Arrival of Swedish Houses, 538
Design and Building Competition, 49
Exhibition of Plans at Taunton, 395
Gas Appliances at Leamington, 257
Gas in New Houses at Milford Haven, 530
Gas Refrigerators in Leeds Houses, 635
Hereford, Gas in Temporary, 47
Home Information Centre, 838, 841
House-Building Industries Standing Committee, Demonstration, 531
Minister of Health Explains His Target, 256
Minister of Town and Country Planning on Progress in Yorkshire, 463
Progress of Temporary, 556
Selecting Post-War Designs, 101
Technical Aspects of the Gas Industry's Contribution to Post-War—L. W. Andrew, E. W. B. Dunning, and G. C. Holliday, 13, 17, 51, 92, 305, 679, 715, 756
Howie, W. A., Presidential Address, Southern Association, 535
Humphreys & Glasgow, Ltd., Return to London, 258
Hutchison, W. K., The Gas Industry and the Balloon Barrage, 121, 196, 227
Hydrocarbon Oil Duties, Budget Proposals, 596
Hydrogen, The Gas Industry and the Balloon Barrage—W. K. Hutchison, 121, 196, 227
Hydrogen Sulphide, Removal from Fuel Gases, 809
Hydronyl Syndicate, Ltd., The Balloon Barrage, 227

Illuminating Engineering Society—
I.E.S. Code of Lighting, 839
Training in Illuminating Engineering, 258
Imperial College of Science and Technology, Centenary, 461, 598
Incorporated Municipal Electrical Association, Coal for Power Stations, 334
Industrial Load—
Gas—In Industry at War—H. R. Hems, 268, 290
Future Prospects and Competition—L. F. Randall, 299
Sparking Plug Manufacture, 331
Town Gas in the Glass Industry—R. J. Bradshaw, 636, 678
Infra Red—
Influence of Natural Convection on the Effectiveness of Radiant Infra-Red Heating—J. B. Carne, 435
Versus Convection Heating—C. C. Eeles, 339, 375
Work in the South Metropolitan Laboratories, 329
Institute of Fuel—
Annual Luncheon, 556, 560
Liquid Methane as a Fuel, 361
Melchett Lecture (Arrangements), 258
Student's Medal and Prize, 538
Supply of Smokeless Fuels—Dr. G. E. Foxwell, 712
Institute of Gas Technology (Chicago), Gas Abstracts, 199
Institute of Physics, Change of Address, 123
Institution of Chemical Engineers—
Associate Membership Examinations, 465
Conference on Instruments, 234
Institution of Civil Engineers, Presidential Address—Sir P. Frank, 689
Institution of Gas Engineers—
Annual Review, 921
Autumn Research Meeting—
Chairmen's Technical Committee, 6th Report, 758, 802
Codes of Practice Sub-Committee, Report, 802
District Heating, 1st Report, 933
Experimental Setting of Horizontal Chambers—R. M. Farror, 798, 803
Radiant Heating, 1st Report—A. L. Roberts, 798, 803
Removal of Hydrogen Sulphide from Fuel Gases—G. U. Hopton and R. H. Griffith, 809, 845
Review, 797
Council Meeting, 598
Examination Arrangements, 15
Gas—In Industry at War—H. R. Hems, 268, 290
Production at Gas-Works of Coke for Mobile Gas Producers—H. D. Greenwood and J. G. King, T. F. E. Rhead and E. T. Pickering, 89, 95, 124, 198, 531
Question Time, 13, 15
Technical Aspects of the Gas Industry's Contribution to Post-War Housing—L. W. Andrew, E. W. B. Dunning, and G. C. Holliday, 13, 17, 51, 92, 305
The Gas Industry and the Balloon Barrage—W. K. Hutchison, 121, 196, 227
The Gas Industry and the Plastics Industry—W. E. De B. Diamond, 193, 233
Institution of Gas Engineers (Education Scheme)—
Charles Hunt Memorial Medals, 632
Examination Results, 495, 929
Report of Examiners, 495

Jamieson, J., Presidential Address, Waverley Association of Gas Managers, 55
Johnson, B. W., A Gas-works Investigation of the Manufacture of Coke-Breeze Ovoid Briquettes, 397
Johnson, W., Trade and Process Tariffs, 230
Junior Institution of Engineers, Tar Products—W. G. Adam, 463

Keith Blackman, Ltd.—
Public Lighting Exhibition, Glasgow, 432
Results, 16
Kent, George, Ltd., Temperature Control, 507
King, Dr. J. G.—
Effect of Free Space in the Carbonization of Coal in Horizontal Retorts, 259, 395, 463
Production at Gas-Works of Coke for Mobile Gas Producers, 89, 95, 124, 198, 531
Kirkcaldy Gas Department, Results, 195
Kirkintilloch Gas Department, Lighting for Open-Air Dancing, 49

Lander, Professor C. H., Institute of Fuel, Melchett Lecture, 556
Leamington Priors Gas Company—
Gas Appliances in New Houses, 257
Street Lighting, 394
Leeds Gas Department—
Home-Making Courses, 207
Prototype Houses, 635
Results, 69
Street Lighting, 404
Leeds University, Gift for Laboratory, 801
Legislation, Annual Review, 1945, 921
Lighting, Public—
Automatic Control, Dundee, 755
Dingwall, 27
Edinburgh, 334, 364
Glasgow, 334, 395
Greenock, 411
I.E.S. Lighting Code, 839
Kirkintilloch, Open-Air Dancing, 49
Leamington, 394
Leeds, 404
Plymouth, 69
Restoration of, 46
Restriction on Display and Decorative, 395
Torquay, 94
Lincoln Gas Department, Results, 137
Liquor, Gas-Works as Fertilizer—H. J. Toogood, 838
Liverpool Gas Company—
Food Exhibition, 528
Gas Clerks' "Quiz," 411
New Locomotive, 538
Lloyd, Geoffrey, Teamwork Research, 491
Lochgelly Gas Company, Results, 137
London and Counties Coke Association, Annual Meeting, 527, 559
London and Southern District Junior Gas Association—
Industrial Applications of the Non-Aerated Gas Flame—J. F. Waight, 676, 757, 842
Industrial Gas: Future Prospects and Competition—L. F. Randall, 299
Meeting at Gas Industry House, 880
Presidential Address—L. W. Andrew, 642
Trade and Process Tariffs—W. Johnson, 230
Visit to Beckton, 757
Long Eaton Gas Company, Industrial Appliances, 27

MacDougall, D., Effect of Free Space in the Carbonization of Coal in Horizontal Retorts, 259, 395, 463
Malta and Mediterranean Gas Company, Annual Meeting, 610
Manchester and District Junior Gas Association—
Election of Officers, 693
Ladies' Day, 47
Manufacture of Coke-Breeze Ovoid Briquettes—B. W. Johnson, 397
Physical and Chemical Reactions of Carbonization—T. Biddulph-Smith, 44, 56, 90, 122, 156, 157, 200, 227, 291
Presidential Address—F. Cartledge, 886
Producer Control—W. P. Smith, 294
Reorganization of a Gas Distribution System—F. Bell, 160, 255, 267
Visits—Oldham, 883; Rochdale, 234
Manchester District Association of Gas Engineers—
Autumn Meeting, 715
President's Day at Rochdale, 257
Town Gas in the Glass Industry—R. J. Bradshaw, 636, 678
Yorkshire Commercial Section Meeting, 678
Manchester Gas Department, Results, 137
Masterton, W., Atomic Energy and the Gas Industry, 363
Meters, Ltd., Manchester, Dividend, 649
Methane, Liquid, as a Fuel—Sir A. C. Egerton and M. Pearce, 361
Metronic Instrument Co., Ltd., Trade Note, 463
Metropolitan Gas Company of Melbourne—
Dividend, 309
Results, 571
Wartime Activity, 463
Middlesbrough Gas Department, Home Management Courses, 50
Midland Association of Gas Engineers and Managers—
Autumn Meeting, 633
Technical Aspects of the Gas Industry's Contribution to Post-War Housing—L. W. Andrew, E. W. B. Dunning, and G. C. Holliday, 679
Midland Junior Gas Association—
Presidential Address—K. L. Pearce, 682
Visits—
Bryan Donkin Works, 839
Electric Construction Co. Works, 633
Stourbridge, 887
Milford Haven Gas Department, Gas in New Houses, 530
Milne Meters, Ltd., 160 Years' Record, 929
Milne-Watson, Sir David—
Joint Industrial Council Presentation, 91
Obituary, 491, 493, 528
Resignation of Chairmanship of South-Eastern Gas Corporation, 394
Mining Association, Coal Owners Accept Government Plan, 123
Ministry of Fuel and Power—
Appeal for Increased Coal Output, 255, 291
Appointment, 394
Control of Benzole and Allied Products Order, 1945, 363
Heat Recovery from Flue Gases, Bulletin No. 42, 430
"Other People's Jobs" Exhibition, 839
Relaxation of Supply Restrictions, 13
Restoration of Street Lighting, 46
Restriction of Display and Decorative Lighting, 395
Staff Changes, 292
Ministry of Labour and National Service—
Labour and the Foundries, 333
Technical and Scientific Register, 596
Ministry of Supply, Controls—
House Fittings, 713
Industrial Electrical Equipment (No. 4) (Revocation) Order, 1945, 293
Ministry of Town and Country Planning, Housing Progress in Yorkshire, 463
Ministry of Works—
Builders' Manufactured Goods of Iron and Steel, 538
Codes of Practice, Gas Lighting (Single Family Dwellings) and Flues for Gas Appliances, 239
Contractors' Plant Freed from Control, 394
Disposal of Surplus Materials, 98
Functions, 464
Reorganization, 292
Swedish Houses, 538
Temporary Housing Progress, 556
Withdrawal of Restrictions on Pipe Coatings, 443
Montrose Gas Company, Results, 195
Motherwell Gas Department, Results, 641
Myhill, A. R., Retort House Technical Control, 841

National Association of Colliery Managers, Problems of the Coal Industry—J. Robertson, 229
National Federation of Associated Paint, Colour and Varnish Manufacturers, Annual Meeting, 929
National Gas Council, Annual Review, 1945, 920, 924
National Joint Industrial Council for the Gas Industry—
Better Conditions for Workers, 930
Presentation to Sir David Milne-Watson, 91
Wages of Gas Workers, 531
National Smoke Abatement Society—
Improvements in Fuel-Burning Appliances, 538
Obsolete Grates in New Houses, 333
Smokeless Zones for Manchester, 331
Supply of Smokeless Fuels—Dr. G. E. Foxwell, 712
National Union of Mine Workers, Minister of Fuel on the Coal Industry, 14
New, W., Works Building Practice, 159
Newcastle-upon-Tyne and Gateshead Gas Company—
Booklet for Consumers, 411
Dividend, 239
Kitchen Exhibition, 755
Staff Presentations, 755
Newport (Fife) Gas Department, Price Reduction, 463
Newport (Mon.) Gas Company—
Allotment Show, 271
Prizes for Suggestions, 16
Victory Bell Display, 557
Nico Light Engineering Co., Ltd., Change of Name, 538
Non-Aerated Burners, Industrial Applications—J. F. Waight, 676, 765, 842
Norris, R. E., Balloon Barrage Purity Meter, 847
North British Association of Gas Managers—
Annual Meeting, 396
Wartime Development at Airdrie—D. L. Dickson, 468, 501, 541, 564
William Young Memorial Lecture—Dr. E. W. Smith, 361, 366
North Cheshire Gas Company, Hyde Industries Exhibition, 731
North of England Gas Managers' Association (Auxiliary Section), Benzole Recovery by Active Carbon—G. W. Robson, 687
Northampton Gaslight Company, Results, 375
Northampton Polytechnic Institute, Illuminating Engineering Course, 676
North-Western Fuel Luncheon Club—
Inaugural Luncheon, 159, 429, 596
Talk by Dr. R. R. Nimmo, 813
Nottingham Gas Department—
Model Post-War House, 27
Results, 69

Obituary—
Archdale, T. H., 838
Armstrong, Dr. E. F., 880
Barker, J., 713
Benham, S. J., 462
Brereton, M. B., 528
Bryant, J., 394
Busby, C. H., 632
Butterfield, W. J. A., 880, 929
Carmichael, T., 14, 46
Clark, F., 528
Clayton, J., 291
Coates, H., 331
Collins, J. M., 363
Dixon, G., 256, 291, 331
Galleway, W. M., 799
Gillett, E. G., 122
Godwin, C. L., 596
Gracie, H. H., 256
Hems, W. E. T., 596
Jenkins, W. D., 713
Johnson, H. L., 754
King, W. R., 673, 675
Low, P., 799
McGarrie, F., 394
McKerracher, W. H., 799
McLeod, L. F., 528
Mann, W., 226
Milne-Watson, Sir D., 491, 493, 528
Pirie, H. L., 494
Richards, W. B., 192
Robertson, D., 363
Stewart, J., 713
Tallentire, W., 462
Warrilow, J., 528
Wilson, J. H., 494
Woodcock, T. H., 494
Oil from Coal—Professor W. N. Cumming, 49
Oriental Gas Company, Annual Report, 881
Oxide, Commercial Prospects of Spent, West Cumberland By-Products Co., Ltd., 675, 755

Paint, Society of British Paint Manufacturers Formed, 461
Parkinson & Cowan, Ltd., Results, 16
Parkinson Stove Co., Ltd., Lorry Display, 599
Parrish, P.—
Commercial Prospects of Spent Oxide, 755
Gas Industry and Fertilizers, 228
Paterson, Dr. C. C., Industrial Research, 844
Pearce, K. L., Presidential Address, Midland Junior Gas Association, 682
Pearce, M., Liquid Methane as a Fuel, 361
Personal—
Agent, L. S., 838
Alexander, J. R. W., 713
Alliott, G. W., 291
Allison, P., 674
Anderson, A. G. I., 226
Anderson, J. L., 192
Ashton, C., 557
Bale, R. J. J., 596
Ball, A., 799
Balsom, S. H., 394
Banks, A. J., 692
Banks, H. E., 462
Barritt, D. T., 157
Barrow, C. F., 394
Bateman, C., 362
Behr, G. N., 754
Birks, F. M., 754
Bishop, A. A., 394
Blenkiron, A., 596
Blundstone, W. H., 256
Brereton, I. H., 528
Bridge, H. P., 557
Bridges, G. P., 157
Brook, J., 674
Brown, D. M., 192
Brown, F. S., 713
Brown, H. H., 91
Brown, W., 596
Bunting, R. M. H., 362
Burdett, H., 330
Butt, F. A., 429
Buxton, R. H., 362
Cadman, J. H., 674
Cambell, A. S., 799
Carlton, J. W., 330
Carr, J., 754
Cartledge, F., 394

Castle, J., 394, 462
Chapman, L. B., 226
Chester, R., 226
Christy, L. F., 713
Clark, W., 362
Clarke, J. S., 929
Clegg, V. E., 838
Collard, A., 291
Colvin, D. J., 394
Cooper, J. E. Lister, 429
Coubrough, A., 799
Cranmer, A. H., 557
Cross, A. C., 880
Currier, G. E., 14
Curtis, J. W., 754
Dann, A. F., 362
Day, W. R., 330
Demain, J., 713
Diamond, C. le B., 394
Dietericha, W., 226
Drake, R. M., 91
Duxbury, J., 713
Eunson, G. S., 46
Ewing, W., 291
Falk, C. J., 330
Fall, F. P., 394
Foot, R. W., 462
Forsyth, W., 929
Forward, A., 492
Foster, D. A., 799
Fox, H. M., 528
Friedman, L., 557
Gallagher, P., 492
Gibbs, A., 256
Griffith, R. H., 226
Grogono, W., 674
Hales-Finch, C., 429
Halkett, R., 330, 363, 492
Halkett, R., jnr., 330
Handley, G. E., 596
Harrison, A., 226
Harrison, A. G., 226
Harrison, B. H., 799
Hart, R. V., 674
Hastings, H. E., 754
Heilbron, I. M., 528
Hems, H. R., 754
Henderson, J., 492
Henry, J. A., 291
Hewes, V., 632
Hill, A. D., 46, 330, 462
Hill, A. V., 528
Hoatson, G. I., 362
Hogg, G. C., 929
Holden, A. J., 91
Holliday, G. C., 226
Hollings, H., 226
Hollingworth, J., 492
Hoskin, E. J., 330
Hoskins, W. T., 226
Houldsworth, Sir H., 292
Ibbotson, G. C., 192
James, C., 256
Jewell, W. E., 632
Kerr, F. B., 462
Kinsey, R., 632
Kipping, N. V., 528
Kirkwood, W. D., 394
Knowles, A. F. H., 492
Lewis, R. H., 394
Linstead, R. P., 462
Locock, Sir G., 528
MacCormack, D. M., 557
Machin, A. C., 330
Macnaughton, W., 557
Marchant, C. G., 713
Marshall, J., 226
Matthew, J. R., 226
Maycock, H., 880
McGregor, K., 157
McNair, J., 429
Milne-Watson, M., 754
Mitchell, C. B. S., 799
Mitchell, W. P., 557
Munro, A. B., 157
Newsome, M., jnr., 256
O'Halloran, 394
Oliver, W. R., 838
O'Meara, D. V., 674
Parker, H., 330
Parry, S., 557
Pateman, D. P., 799
Paterson, C. C., 528
Patterson, S. K., 596
Pexton, S., 226
Plowman, C. M., 91
Potterton, A. B., 557
Potterton, T. F. C., 557
Powell, R. G. T., 799
Pratt, J. D., 91
Pritchard, J., 462
Prince, R., 557
Quinton, E., 674
Rees, D. W., 754
Reynolds-Davies, 362
Rhead, F. A., 799
Riley, H., 799
Ritchie, H. G., 291, 713
Robertshaw, W. L., 394, 462
Robertson, R., 754, 929
Robertson, Sir R., 528
Robinson, A., 157
Robinson, H., 838
Rodger, W. F., 362
Rogers, R. J., 799
Ronca, J. F., 91
Ruffhead, A. E., 462, 838
Sadler, J., 838
Sandeman, W. J., 799
Scott, D., 713
Sellers, H. W., 838
Shadbolt, J. H., 557
Shakespeare, Sir G., 362
Simon, J. E., 394
Simpson, A. E., 674
Sinclair, A., 492
Smith, A. E., 330
Smith, E. W., 91
Smith, N. S., 799
Smith, S. 528
Smith, W. J., 91
Speers, J. A., 362, 394
Steed, D. V., 394
Sugg, P. C., 492
Sylvester, A. E., 394
Tate, W. K., 632
Taylor, H. B., 362
Thomas, A. R., 528
Thomson, Sir G. P., 429
Tomlinson, T. A., 754
Townend, D. T. A., 528
Tran, A., 330
Twist, G., 226
Van der Velde, 394
Verrall, B., 362
Waight, J. F., 462, 929
Walsh, J. B., 492
Westall, B. C., 557
Whimster, J. Wesley, 3
Whimster, T. C., 557 62
Wilkes, L., 674
Williams, A. S., 557
Williamson, R., 394
Willsmer, N., 754
Wilson, F., 462
Wilson, W. D., 226
Wood, C. C., 799
Woodley, D. S., 192

Perth Gas Department, Price Increase, 134
Pickering, E. T., Production at Gas-Works of Reactive Coke, 198, 531
Pincock, O., Distribution Needs Reinforcement, 331
Plastics—
  Aluminium, and Gas Exhibition, 558
  Gas Industry and the Plastics Industry—W. E. de B. Diamond, 193, 233
Plymouth and Stonehouse Gas Light and Coke Company, Dividend, 635
Plymouth Gas Department—
  Loan Sanctioned by Minister of Health, 800
  Restoration of Street Lighting, 69
Port Talbot Gas Department, Results, 801
Post-War Reconstruction, Fuel Services in Post-War Homes, B.G.C. Conference, 842
Potterton, Thomas (Heating Engineers), Ltd.—
  Heating Installation for Liquid Glucose Storage, 561
  Thermal Storage Set at Arborfield, 364
Powell Duffryn, Ltd., Results, 91
Power-Gas Corporation, Ltd., Hydrogen Plant for Travancore, 123
Price of Gas—
  Gas Light and Coke Company Reduction, 465
  Increases, Perth, 134; Tayport, 755; Wigtown, 331
  Newport (Fife) Reduction, 463
Primitiva Gas Company of Buenos Aires, Annual Meeting, 136
Primitiva Holdings, Ltd., Annual Meeting, 136
Producers, Control of—W. P. Smith, 294
Pudsey Gas Company, Centenary, 597, 676
Purification, Balloon Barrage Purity Meter—W. F. Gardner and R. E. Norris, 847

Quasi-Arc Company, Ltd.—
  Trade Note, 404
  Welding Manual, 689

Radiation, Ltd.—
  Display Kitchens, 239
  Equipment in Coventry Houses, 677
  Lorry Display at Birmingham, 558
Randall, L. F., Industrial Gas: Future Prospects and Competition, 299
Raunds Gas Light and Coke Company, Amalgamation with Rushden, 887
Redditch Gas Company, Kitchen Display, 50
Rediffusion, Ltd., Radio Heating Exhibition, 430
Research—
  Annual Review, 922
  Gas Research Board, 879
  Has it Paid in the Gas Industry?—Dr. E. W. Smith, 361, 366
  Some Thoughts on Industrial—Dr. C. C. Paterson, 844
  Teamwork, Geoffrey Lloyd, 491
Rhead, T. F. E., Production at Gas-Works of Reactive Coke, 198, 531
Roberts, A. L., Radiant Heating, 798
Roberts, John, Carbonization Reactions, 90, 291
Robertson, J., Problems of the Coal Industry, 229
Robson, G. W., Benzole Recovery by Active Carbon, 687
Romford Gas Company, Dividend, 192
Rugeley Gas Company, Model Rooms Exhibition, 375
Rushden and Higham Ferrers Gas Company, Amalgamation with Raunds, 887

St. Helens Gas Department—
  Aluminium Kitchen Exhibition, 134
  Results, 195
Salesmen's Circles, Scottish (Western District), The Deferred Market—R. J. Gregg, 531
Scottish Engineering Students' Association, Formation, 538
Scottish Junior Gas Association (Eastern District)—
  Meeting at Edinburgh, 633
  Modern Methods of Carbonization, J. W. Gibson, 884
  Presidential Address—J. R. Denoon, 599
  Visit to Henry Balfour & Co., Ltd., 714
  Vocational Training and Welfare—D. W. Davison, 239
Scottish Junior Gas Association (Western District), Presidential Address, A. McFadyen, 678
Scottish Tar Distillers, Ltd., Acquisition of Business Interests, 731
Sensicle, L. H.—
  Atomic Energy and the Gas Industry, 292
  Oil Production or Gas Production, 122
Severn Valley Gas Corporation, Ltd., Meeting, 101
Sheffield and District Gas Company—
  Civic Planning Exhibition, 507
  Presentation to R. Halkett, 492
  Proposed Acquisition of Undertakings, 464
  Story of the Blitz, 334
Showrooms, Beverley, 883
Shrewsbury Gas Light Company—
  Post-War Kitchen, 207
  Results, 465
Silentbloc, Ltd., New Catalogue, 464
Skylux, Ltd., Underground Pipe and Cable Installation, 158
Smethwick Gas Department—
  Proposed Amalgamation with West Bromwich, 557
  Results, 641
Smith, D. V. H., Town Planning and District Heating, 598
Smith, Dr. E. W., William Young Memorial Lecture, 361, 366
Smith Meters, Ltd.—
  Holiday Arrangements, 69
  War Service, 681
Smith, W. P., Producer Control, 294
Smoke, Abatement, D.S.I.R. Conference, 930
Society of British Gas Industries—
  Annual Review, 923
  Change of Address, 331
Society of British Paint Manufacturers, Formation, 461
Society of Chemical Industry—
  Bureau of Abstracts, Change of Address, 492
  Presidential Address, Prof. E. K. Rideal, 191
  Research in Retrospect and Prospect, 191
South Australian Gas Company, Annual Meeting, 731
South-Eastern Gas Corporation, Ltd., Chairman, 394
South Metropolitan Gas Company—
  Damage to Vegetation Due to Coal Gas Leakage Through Soil, 532
  Dividend, 192
  Perilous War Work, 309
  Work on Infra Red, 329
South Suburban Gas Co., Home Guard History, 465
South Wales Institute of Engineers, Gas Grid Proposals, 882
South-Western Gas and Water Corporation, Ltd., Dividend, 571
Southern Association of Gas Engineers and Managers—
  Annual Meeting, 529
  Presidential Address W. A. Howie, 535
Southern Association of Gas Engineers and Managers (Eastern District)—
  First Post-War Meeting, 597
  Stability of Heated Structures—L. Muir Wilson, 602, 634, 675, 680
  Technical Aspects of the Gas Industry's Contribution to Post-War Housing—E. W. B. Dunning, L. W. Andrew, and G. C. Holliday, 756
Sowerby Bridge Gas Department, Results, 883
Steel—
  Five-Year Plan for the Industry, 123
  Industrial Research, 158
Stephenson Clarke, Ltd., Annual Report, 404
Stewarts & Lloyds, Ltd., Iraq Pipeline Contract, 364
Stirling Gas Light Company, Results, 331
Stockport Gas Department—
  Results, 363, 641
Stocks and Shares, Annual Review, 927
Stoke-on-Trent Gas Department—
  Benzole Rectification Plant, 101
  Loan Sanction for New Plant, 635
  Plant Extensions Enquiry, 15
  Results, 158
Stourbridge Gas Department, Results, 239
Strachan & Henshaw, Ltd., Power Unloader, 717
Sweden, Fuel Situation, 159
Sylvester, A. E., Appointed Chairman, South-Eastern Gas Corporation, 394

Tar—
  Annual Review, 926
  Products—W. G. Adam, 463
Tariffs—
  Trade and Process—W. Johnson, 230
  U.K. Gas Corporation All-in Fuel Service Charge, 329, 332
Toogood, H. J., Gas-Works Liquor as Fertilizer, 838
Torquay and Paignton Gas Company, Lighting, 94
Tottenham and District Gas Company, Dividend, 239
Town and Country Planning Association—
  Heating the Family Home, 887
  Key Points in Planning Policy, 49
  District Heating—D. V. H. Smith, 598
Townend, F. S., Gas Industry Terms, 227

Underpressure Engineering Co., Ltd., London Storehouse, 571
United Kingdom Gas Corporation, Ltd.—
  All-in Fuel Service Charge, 329, 332
  Dividend, 676
United States Bureau of Mines, Packaged Fuels, 271
Uxbridge, Maidenhead, Wycombe, and District Gas Company, New Plant at High Wycombe, 49

Wages—
  Better Conditions for Gas Workers, 930
  Gas Workers' Increase, 531, 558
  Walsall Arbitration, 558
Waight, J. F., Industrial Applications of the Non-Aerated Gas Flame, 676, 765, 842
Wales and Monmouthshire Association of Gas Engineer and Managers—
  General Meeting at Porthcawl, 393, 430
  South Wales Gas Coals—Major E. Ivor David, 466
Wales and Monmouthshire Junior Gas Association, Annual Meeting, 47
Walsall Gas Department—
  Results, 641
  Wages Arbitration, 558
Wandsworth and District Gas Company, Dividend, 157
War, Final Victory, 255
Warrington Gas Department, Results, 239
Warwick, W. N., Presidential Address, Coke Oven Managers' Association, 595, 600, 631
Water Gas, Gas Research Board Report, 879
Water Heaters, Evaluation of Performance—L. Friedman, 718
Watford and St. Albans Gas Company—
  Co-partnership Report, 134, 464
  Dividend, 239
  Model Kitchens, 465
Wath, Bolton, and Thurnscoe Gas Board, Kitchen Exhibition, 292
Watson, H. T., Ltd., New Type Orifice Plate, 464
Waverley Association of Gas Managers—
  Annual Meeting, 48
  Presidential Address—J. Jamieson, 55
Wellingborough Gas Light Company, Results, 334
West Bromwich Gas Department, Proposed Amalgamation with Smethwick, 557
West Riding Group of Gas Companies, Wakefield Exhibition, 557, 558, 571
West's Gas Improvement Co., Ltd.—
  New Plant at High Wycombe, 49
  Wartime Activities, 530
  "West's Gas" Reappears, 293, 674
Western Junior Gas Association—
  Distribution Needs Reinforcement—O. Pincock, 331
  Evaluation of Performance, L. Friedman, 718
  Meetings, Exeter, Taunton, 757, 883
  Summer Meeting, 47
  Works Building Practice—W. New, 159
Weston-super-Mare and District Gas Company, Exhibition, 883
Wigtown Gas Department, Price Increase, 331
Wilputte Coke Oven Corporation, Jubilee Catalogue, 334
Wilson (George) Gas Meters, Ltd.—
  Annual Meeting, 649
  Appointment of Directors, 674
  Cash Balancing Meter, 199
Wilson, L. Muir, Stability of Heated Structures, 602, 634, 675, 680
Winn & Coales, Ltd., Protection Against Corrosion, 157
World Power Conference, Executive Council, 801
Woking District Gas Company, Dividend, 192
Wolverhampton Gas Company, Presentation to A. H. Cranmer, 880
Women's Gas Council—
  Annual Meeting, 50
  Annual Review, 925
  Harrogate Branch Re-Opens, 411
  Home Information Centre, 838, 841
Woodall-Duckham Companies, Wartime Service, 364

Yorkshire Junior Gas Association, Annual Meeting, 633
Yorktown (Camberley) and District Gas and Electricity Company—
  Dividend, 91
  Gas Exhibit at Henley, 676

Printed (by Straker Brothers, Ltd., London, E.C.2) for Walter King, Limited, 11, Bolt Court, Fleet Street, London, E.C.4.